

# **WATER SYSTEM SECURITY UPDATE**



Johnna McKenna  
Water Supply Engineering Bureau

# Community Water System Regulations

- 2002 Bioterrorism Act
- Community systems 3,300+
  - **Complete a VA**
  - **100,000+      March 30, 2003**
    - **2 Systems**
  - **3,300-50,000      June 30, 2004**
    - **36 Systems**

## – **6 Elements of a VA**

- Characterize water system
- Identify & prioritize unfavorable consequences
- Determine critical assets
- Assess likelihood of acts
- Evaluate existing countermeasures
- Analyze current risk and develop prioritized plan

# Additional Requirements



- 2002 Bioterrorism Act
- Emergency Plan - 3,300+
  - 6 months after VA submitted
- DES Rules Env-Ws 360.14
  - Emergency Plan
  - March 15, 2003
    - Due to DES every 6 years
    - Annual Update
    - On Sanitary Survey checklist
  - December 31, 2004
    - 3,300+

# EP Review

- Currently reviewing submitted EPs
- Sending a response letter
  - Make sure meet DES requirements
  - Basic suggestions & comments to help improve plan
- Not required to resubmit until 2009

## **– FREE VA & EP Tools**

- DES EP Guides & Samples Plans
- NEWWA ASSET
- VSAT
- NERWA
- RAM-W
- EPA ERP Guidance
- EPA Emergency Protocol Toolbox

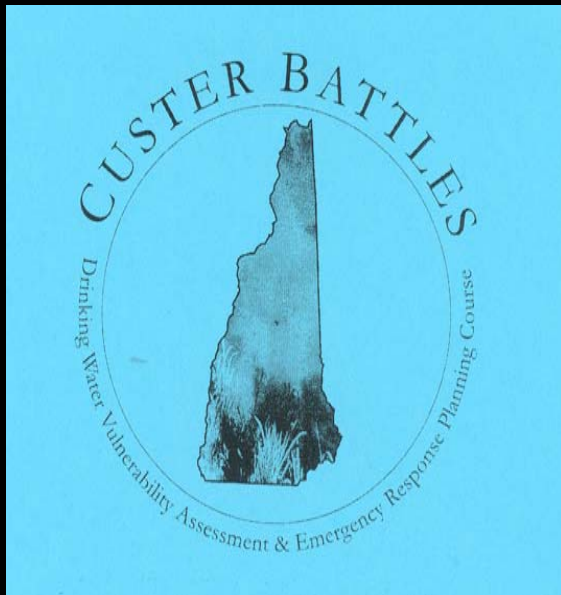
## **– Free On-Site Assistance**

- **NERWA & RCAP**
- **Small Systems**

# EPA Grant

- **\$418,000**
  - VA/EP Training
    - Custer Battles & NEWWA
  - Emergency Interconnection Grants
  - Community Based Workshops
  - Mock Emergency Drills
  - Staff training

# VA Training & Assistance



- Systems serving 1,000+
- Custer Battles
  - Five, 2-day workshops
    - Sept-Dec 2003
  - 1 day staff training
- NEWWA
  - VA/EP training
  - Jan 2004



# Emergency Interconnection Grants

- Jaffrey/Peterborough
- NRPC
- Woodsville/Haverhill
- Lincoln/Woodstock
- Goffstown/Grasmere
- Exeter
- Bartlett Village Precinct
- Seacoast



# Community Based Workshops

- Bring together local first responders and water systems
- EPA
  - Summer and Fall 2004
    - Lakes Region
    - Seacoast
    - Border sites
- DES
  - Fall & Winter 2004
    - Additional trainings throughout NH

# WSEB Internal EP

- Currently reviewing own EP
- Updating plan
- Creating a “mini” EP to send to systems so they know when and who to call at the WSEB

# System Contact Info

- Make sure WSEB database has up to date contact info
  - Important for mass e-mail messages
- Sending security contact forms with EP review letter

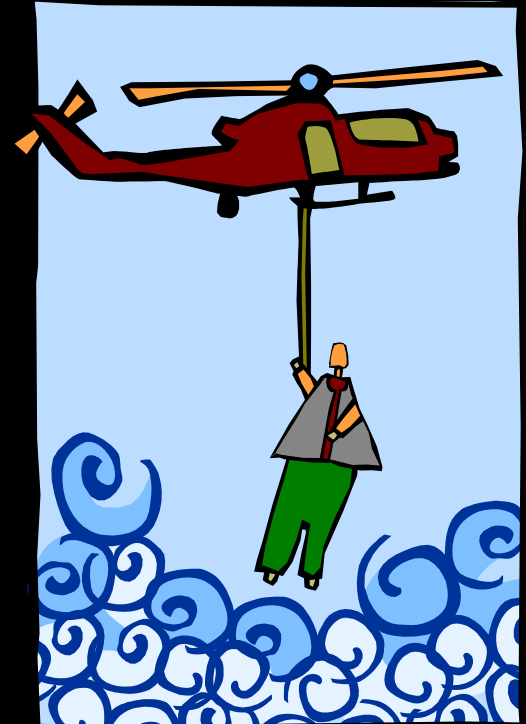
# Funding Sources for Security Implementation



- **Local Source Water Protection Grants**
  - Source protection/security
    - Source Only
- DW SRF
  - Rick Skarinka 271-2948

# Pilot Program

- ~\$205,000 from EPA
  - Businesses United for Water Supply Security
  - EPA/DES/NH Businesses/Chamber of Commerce
  - Connecting resources, supplies and services with critical needs of local water systems
  - Business Logo



# EPA Assistance

- [www.epa.gov/safewater/security](http://www.epa.gov/safewater/security)
- Overview
- Trainings (EPA)
- VA Tools
- EP Tools
- Technical & Financial
- Research & Technology



- More EPA Tools
  - Security Product Guide
  - Outreach Materials
    - Water Watchers Brochure
    - Top Ten for Law Enforcement
    - Water ISAC Fact Sheet
    - Water Security Flyers
- Protected Measures for Threat Levels
- VA Submittal Requirements



# EPA Law Enforcement Initiative

- Top 10 Visor Card and Security Poster
- Cross Training
- Workbooks/Video
- Citizens Watch Brochure



# NH Homeland Security

- [www.state.nh.us](http://www.state.nh.us)
  - Link for Homeland Security
    - Current Threat Level
    - Federal Resources
    - State Resources
      - Dept. of Safety
        - » OEM
  - Citizens Watch
  - Grants

# Contact

- Johnna McKenna
  - 271-7017
  - [jmckenna@des.state.nh.us](mailto:jmckenna@des.state.nh.us)
- Water System Security
  - [www.des.state.nh.us/wseb](http://www.des.state.nh.us/wseb)

